

**BATTERY CHARGE INDICATOR**  
**ABSTRACT OF THE DISCLOSURE**

A relatively simple system sensing a nearly full state of charge of a battery, such as a lithium ion battery, and providing a visual indication of the nearly full state of charge. The system for measuring the state of charge relies on the charging characteristics of a lithium ion battery. In particular, the system measures the charging current to the battery. When the charging current drops to a level representing, for example, 80% or more of full charge, a visual indication is provided to indicate a near full charge state of the battery.

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